

Title (en)  
Communication method and receiving apparatus for OFDM system

Title (de)  
Empfangsverfahren und Empfangsgerät für OFDM-System

Title (fr)  
Méthode de réception et appareil récepteur pour système MDFO

Publication  
**EP 0851638 A3 20010321 (EN)**

Application  
**EP 97122845 A 19971223**

Priority  
JP 34880596 A 19961226

Abstract (en)  
[origin: EP0851638A2] A reception method of a multicarrier system according to the present invention is one in which a phase-modulated data is transmitted by using each of a plurality of subcarriers, and includes a random data generating step of generating a phase shift data randomly changed, a multiplying step for multiplying each of received subcarriers with an output obtained in the random data generating step, and a state detection signal generating step for monitoring a state of an output obtained in the multiplying step and for generating a predetermined state detection signal when a predetermined state is detected. A frame period of a received signal is detected based on an output obtained in the state detection signal generating step.

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IPC 8 full level  
**H04B 7/24** (2006.01); **H04J 11/00** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP KR US)  
**H04L 27/2656** (2013.01 - EP KR US); **H04L 27/2657** (2013.01 - EP KR US); **H04L 27/2679** (2013.01 - EP US)

Citation (search report)

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